

Claims

1. A valve for controlling fluids, including a closing element (5) for closing and opening an opening (14), a restoring element (6) for restoring the closing element (5) to its outset position, a movably disposed armature (2) which is movable by means of an armature coil (3), and a multifunctional component (7) which includes the function of a valve body and the function of a throttle component in a single component.
2. The valve for controlling fluids in accordance with claim 1, characterized in that the multifunctional component (7) further includes the function of a check valve (8).
3. The valve for controlling fluids in accordance with one of the foregoing claims, characterized in that the multifunctional component (7) is produced by means of powder metallurgy processes.
4. The valve for controlling fluids in accordance with claim 3, characterized in that the multifunctional component (7) is produced by means of sintering.
5. The valve for controlling fluids in accordance with one of the foregoing claims, characterized in that the valve is used in a hydraulic system in a vehicle.
6. The valve for controlling fluids in accordance with claim 5, characterized in that the valve is used in a brake system and/or an electronic stability system and/or a traction control system.